

Anti-Sp5 Picoband Antibody
Catalog # ABO12133**Specification**

Anti-Sp5 Picoband Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q6BEB4
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Transcription factor Sp5(SP5) detection. Tested with WB, IHC-P in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Sp5 Picoband Antibody - Additional Information

Gene ID 389058

Other Names

Transcription factor Sp5, SP5

Calculated MW

41964 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat
Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Nucleus .

Protein Name

Transcription factor Sp5

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human Sp5 (246-275aa DFAQYQSQIAALLQTKAPLAATARRCRRCR), identical to the related mouse sequence.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the Sp1 C2H2-type zinc-finger protein family.

Anti-Sp5 Picoband Antibody - Protein Information

Name SP5

Function

Binds to GC boxes promoters elements. Probable transcriptional activator that has a role in the coordination of changes in transcription required to generate pattern in the developing embryo (By similarity).

Cellular Location

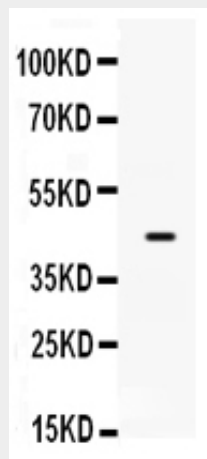
Nucleus.

Anti-Sp5 Picoband Antibody - Protocols

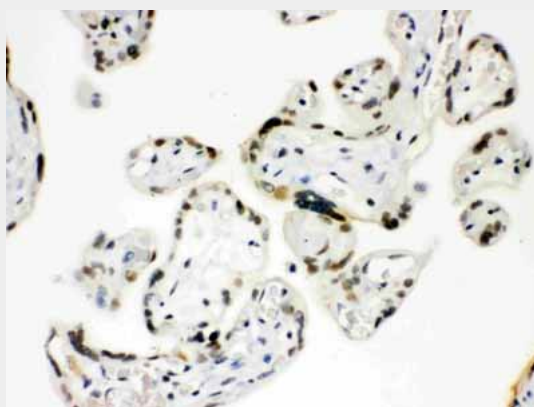
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Sp5 Picoband Antibody - Images



Anti- SP5 Picoband antibody, ABO12133, Western blottingAll lanes: Anti SP5 (ABO12133) at 0.5ug/mlWB: MCF-7 Whole Cell Lysate at 40ugPredicted bind size: 42KDObserved bind size: 42KD



Anti- SP5 Picoband antibody, ABO12133, IHC(P)IHC(P): Human Placenta Tissue

Anti-Sp5 Picoband Antibody - Background

Sp5 is mapped to 2q31.1. It is a member of the Sp family of zinc finger transcription factors. Like other family members, the Sp5 protein contains a Cys2His2 zinc finger DNA binding domain at the C-terminus. Elevated expression of Sp5 has been noted in several human tumors including hepatocellular carcinoma, gastric cancer and colon cancer.